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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

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of

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**Complete if Known**

Application Number	TBA
Filing Date	Herewith
First Named Inventor	N. Elsey
Art Unit	TBA
Examiner Name	TBA
Attorney Docket Number	41698-1112

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 5,367,561	Adler et al.	11/1994	
		US- 5,848,131	Shaffer et al.	12/1998	
		US- 4,979,206	Padden et al.	12/1990	
		US- 5,850,433	Rondeau	12/1998	
		US- 6,459,782	Bedrosian et al.	10/2002	
		US- 5,163,083	Dowden et al.	11/1992	
		US- 5,757,904	Anderson	05/1998	
		US- 5,555,299	Maloney et al.	09/1996	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner Signature	Date Considered
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Sheet 2 of 3

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		US- 5,948,040	09/07/1999	DeLorme et al.	
		US- 6,094,640	07/25/2000	Goheen	
		US- 5,983,200	11/09/1999	Slotznick	
		US- 5,897,620	04/27/1999	Walker et al.	
		US- 5,797,126	04/18/1998	Helbling et al.	
		US- 6,205,436	03/20/2001	Rosen	
		US- 5,943,417	08/24/1999	Cox et al.	
		US- 6,134,530	10/17/2000	Bunting et al.	
		US- 837,894	12/04/1906	Aven	
		US- 4,696,028	09/22/1987	Morganstein et al.	
		US- 4,908,850	03/13/1990	Masson et al.	
		US- 4,932,042	06/05/1990	Baral et al.	
		US- 4,959,855	09/25/1990	Daudelin	
		US- 5,056,134	10/08/1991	Bauer et al.	
		US- 5,187,740	02/16/1993	Swaim et al.	
		US- 5,222,120	06/22/1993	McLeod et al.	
		US- 5,414,754	05/09/1995	Pugh et al.	
		US- 5,511,111	04/23/1996	Serbetcioglu et al.	
		US- 5,517,560	05/14/1996	Greenspan	

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		US- 4,817,129	03/28/1999	Riskin et al.	
		US- 5,737,700	04/07/1998	Cox et al.	
		US- 5,797,092	08/18/1998	Cox et al.	
		US- 5,418,844	05/23/1995	Morrissey et al.	
		US- 5,479,488	12/26/1995	Lennig et al.	
		US- 5,689,547	11/18/1997	Molne	
		US- 5,063,591	11/05/1991	Jodoin	
		US- 5,157,718	10/20/1992	Kaplan et al.	
		US- 5,181,237	01/19/1993	Dowden et al.	
		US- 5,353,336	10/04/1994	Hou et al.	
		US- 5,768,513	06/16/1998	Kuthyar	
		US- 4,922,519	05/01/1990	Daudelin	
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